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Patent Number :

US5743046 A 19980428 [US5743046]

Title :

(A) Jack shaft door garage operator

Patent Assignee :

(A) CHAMBERLAIN GROUP INC (US)

Patent Assignee :

The Chamberlain Group, Inc., Elmhurst IL [US]

Inventor(s) :

(A) SIEGLER MARK D (US); CHANG JAMES S (US); MILLER DAVID J (US)

Application Nbr :

US82974297 19970331 [1997US-0829742]

Filing Details :

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US82974297 19970331 [1997US-0829742]

Intl Patent Class :

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IPC Advanced All :

E05F-015/16 [2006-01 A - I R M EP]

E05D-015/24 [2006-01 A - N R M EP]

IPC Core All :

E05F-015/16 [2006 C - I R M EP]

E05D-015/16 [2006 C - N R M EP]

EPO ECLA Class :

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EPO ICO Class :

P05D-013/12G2

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US Patent Class :

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Document Type :

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US1216202; US1417104; US1465695; US1863961; US2096251; US2185828;

US2580311; US2841724; US2882044; US3147001; US3311159; US3412780;

US3685567; US3785089; US3934635; US4085629; US4202644; US4241540;

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1 / 1 LGST - ©EPO

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Application Number :

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2003-22

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

5,743,046 A 19980428 [US5743046]

Patent Assignee :

Chamberlain Group Inc

Actions :

20000412 REISSUE REQUESTED

Issue Date of O.G.: 20000613

Reissue Request Number: 09/547563

Examination Group responsible for Reissue process: 3623

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UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5743046

[Link to Claims Section](#)

April 28, 1998

Jack shaft door garage operator

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